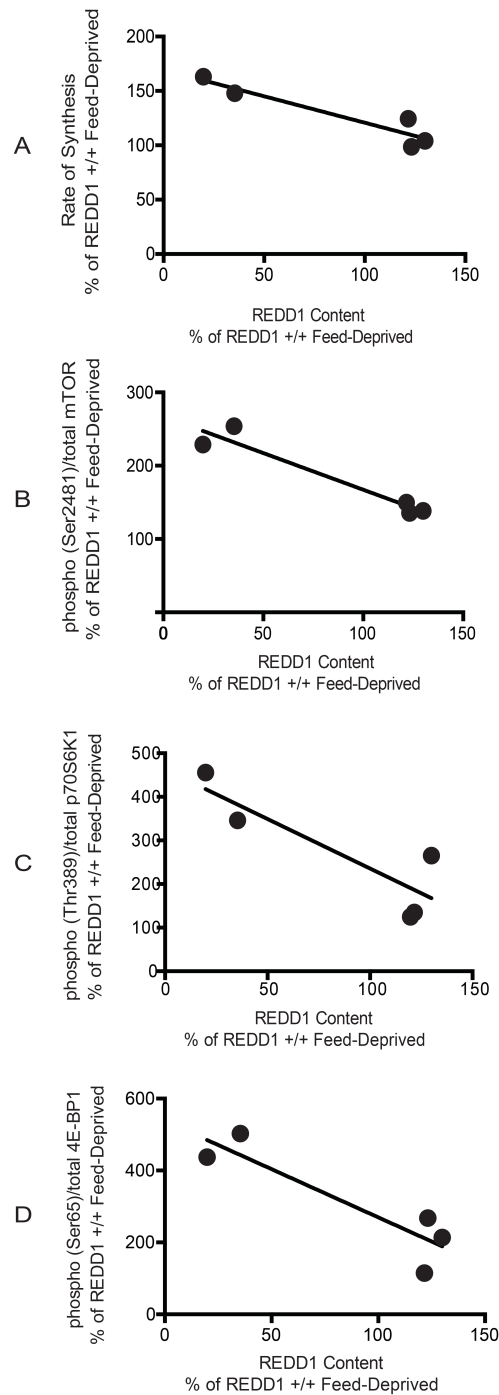


Online Supporting Material



Supplemental Figure 1: Food consumption and REDD1 protein abundance following 15 min of re-feeding in REDD1^{+/+} and REDD1^{-/-} mice. (A) Food consumption following 15 min of re-feeding. (B) REDD1 expression in feed-deprived and re-fed REDD1^{+/+} and REDD1^{-/-} mice as determined by Western blot analysis. Values are mean \pm SEM. F = Feed-deprived, N.D. = Not Detectable, R = Re-fed. N = 5 to 8 per group.

Online Supporting Material



Supplemental Figure 2: Scatterplots for Correlational Data from 15 min re-fed REDD1+/+ mice. Scatterplots depicting the relationship between REDD1 protein content and (A) rates of protein synthesis, (B) phosphorylation of mTOR(Ser2448), (C) phosphorylation of p70S6K1(Thr389), and (D) 4E-BP1(Ser65). N = 5.

Online Supporting Material

Supplemental Table 1: Macronutrient Composition of the Harland-Teklad 2018 Diet.

Macronutrient	% Composition	% of Total Calories
Crude Protein	18.6%	24%
Fat	6.2%	18%
Carbohydrate	44.2%	58%

¹Data obtained from Harlan Laboratories Website.